

Title (en)

Cathodoluminescent display assembly and addressing method

Title (de)

Kathodolumineszierende Anzeigevorrichtung und Addressierungsverfahren

Title (fr)

Dispositif d'affichage cathodoluminescent et procédé d'adressage

Publication

EP 0573754 B1 19980930 (EN)

Application

EP 93105581 A 19930405

Priority

US 89764492 A 19920611

Abstract (en)

[origin: EP0573754A1] A display addressing method applied in conjunction with an array of cold cathode field emission micro-emitters employs a row-by-row addressing technique in concert with controlled constant current sources (301A - 301D) connected simultaneously to each column of the array of emitters to provide a novel addressing scheme which yields an improvement in cathodoluminescent display brightness on the order of a full order of magnitude over that of the prior art. <IMAGE>

IPC 1-7

G09G 3/22

IPC 8 full level

G09G 3/30 (2006.01); **G09G 3/20** (2006.01); **G09G 3/22** (2006.01); **H01J 31/12** (2006.01)

CPC (source: EP US)

G09G 3/22 (2013.01 - EP US); **H01J 31/127** (2013.01 - EP US)

Citation (examination)

US 4857799 A 19890815 - SPINDT CHARLES A [US], et al

Cited by

EP0686993A1; US5734361A; CN1115709C; CN100446159C; EP0688035A1; AU680757B2; US6169528B1; US6580407B1; US6445367B1

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